

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** SPL

**Supplier's address:** Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

**Model identifier:** LF023800288

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

## Product parameters

Parameter	Value	Parameter	Value
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 500
On-mode power ( $P_{on}$ ), expressed in W	6,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	93
Outer dimensions without separate control gear, light-	Height	198	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	120	
	Depth	120	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,485 0,420
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	62	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,85	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

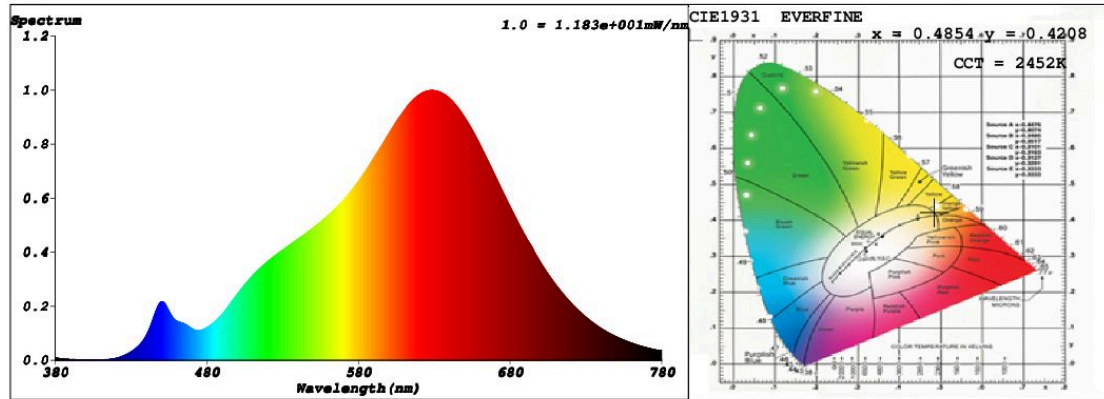
## SPL Spectrum Test Report

Sample :	Date : 2019-11-01 10:39:35
Specification :	Sam. Status :
Sample No. : LF023800288-1	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : Schiefer
	Assessor : damin

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 51326 (78%)
Test Mode : Fast Test	T : 38 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4854$   $y = 0.4208$  /  $u' = 0.2743$   $v' = 0.5350$  ( $duv=2.08e-03$ )  
 CCT= 2452K Prcp WL: Ld=585.0nm Purity=72.0%  
 Peak WL: Lp=628nm FWHM: =134.2nm Ratio:R=28.7% G=69.4% B=1.9%

Render Index: Ra = 93.7

R1 =94 R2 =96 R3 =98 R4 =95 R5 =94 R6 =97 R7 =93  
 R8 =83 R9 =62 R10=91 R11=97 R12=87 R13=94 R14=98 R15=89  
 LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 491.18 lm Eff. : 87.92 lm/W Fe = 1.8030 W

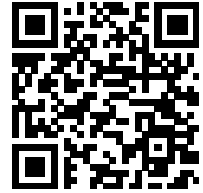
### Electrical parameters

V = 229.8 V I = 0.03170 A P = 5.587 W PF = 0.7669

**Schiefer Professional Lighting**

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



**EPREL registration number:** 831652

<https://eprel.ec.europa.eu/qr/831652>

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer)

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

**Name:** Schiefer Lighting

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Email:** [info@schiefer.nl](mailto:info@schiefer.nl)

**Phone:** +31765037717

**Address:**

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands